



Techno College of Engineering Agartala

An Engineering College affiliated to Tripura University (A Central University),

Approved by AICTE, MHRD, Govt. of India

Website: www.tiaedu.org

Name of the faculty: Mr. Kankan Saha

Designation: Assistant Professor

Education: PG

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Research Interest:

- Artificial Intelligence, Image Processing, Machine Learning

Membership of professional bodies: N/A

Professional Experience:

- Working as **Assistant Professor** from 26.12.2016 to till date (approximately **9 years 2 months** as on 16/02/2026), in Computer Science & Engineering Department, Techno College of Engineering Agartala (formerly Techno India Agartala), Affiliated to Tripura University (A Central University), Tripura, India.
- Worked as **Guest Faculty** from 25.03.2016 to 25.12.2016 (**9 months**), in Computer Science & Engineering Department, Techno India Agartala, Affiliated to Tripura University (A Central University), Tripura, India.
- Worked as a **Research Assistant** From 28.05.2012 to 31.08.2014 (**2 years 3 months**), in the DeitY, MCIT, New Delhi, Govt. of India, funded project entitled, “Creation of a Visual Face Database of North- Eastern People & Implementation of Techniques for Face Identification” in the Department of Computer Science & Engineering, Tripura University (A Central University), Tripura, India.
- Worked as a **Guest Teacher** (without honorarium) From January 2013 to June 2013 (**6 months**), in the Computer Science & Engineering Department, Tripura University (A Central University), Tripura, India.
- Worked as a **Research Assistant** From 03.08.2009 to 02.08.2010 (**1 year**), in the DIT, MCIT, New Delhi, Govt. of India, funded project entitled, “Development of Techniques for Human Face Based online Authentication System, Phase – 1” in the Department of Computer Science & Engineering, Tripura University (A Central University), Tripura, India.

Patents: N/A

Publications: 8

Published Journal/ Conference papers/ Book/ Book Chapters :

- Mrinal Kanti Bhowmik, **Kankan Saha**, Priya Saha, and Debotosh Bhattacharjee, “DeitY-TU Face Database: Its Design, Multiple Camera Capturing, Characteristics & Evaluation”, In **Optical Engineering (OE)** Journal of SPIE (Indexed by *Science Citation Index (SCI)*), Special Section On Machine Vision:



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- Processing, Components, And Systems, published by SPIE Digital Library, Vol. 53, Issue 10, pp. 102106, Jun. 20, 2014, ISSN: 0091-3286, **Impact Factor: 1.113**, doi: 10.1117/1.OE.53.10.102106.
- Mrinal Kanti Bhowmik, Goutam Majumder, Alak Das, **Kankan Saha**, and Debotosh Bhattacharjee, “Human Eye Detection Using Harris Corner Detector”, Journal of the Tripura Mathematical Society, published by **Tripura Mathematical Society**, Vol. 14, pp. 16-23, Dec. 2012, ISSN: 0972 –1320.
 - **Kankan Saha**, Priya Saha, Mrinal Kanti Bhowmik, Debotosh Bhattacharjee, and Mita Nasipuri, “Creation of North-East Indian Face Database for Human Face Identification”, Proceedings of SPIE-IS&T Electronic Imaging 2013, Track- Sensors, Cameras, and Systems for Industrial/Scientific Applications XIV, published by **SPIE Digital Library**, San Francisco, Burlingame, California, USA, Vol. 8659, pp. 86590Q, Feb. 3-7, 2013, doi:10.1117/12.2002028.
 - **Kankan Saha**, Rajib Debnath, Mrinal Kanti Bhowmik, Debotosh Bhattacharjee, and Mita Nasipuri, “North-East Indian Face Database: Its Design and Aspects”, Proceedings of the 4th International Conference on Advances in Recent Technologies in Communication and Computing (ARTCom 2012), organized by the Association of Computer Electronics and Electrical Engineers (ACEEE), published by **IET Digital Library**, Bangalore, India, pp. 270-274, Oct. 19-20, 2012, ISBN: 978-1-84919-929-2, doi: 10.1049/cp.2012.2546.
 - **Kankan Saha**, Mrinal Kanti Bhowmik, Debotosh Bhattacharjee, “Recent Advances in Face Databases for Face Recognition”, Proceedings of 2nd National Conference on Mathematical Analysis and its Applications (NCMAA12), Tripura University (A Central University), India, 5th- 6th April, 2012.
 - **Kankan Saha**, Mrinal Kanti Bhowmik, Debotosh Bhattacharjee, “Anthropometric Measurement of North-East Indian Faces for Forensic Face Analysis”, Book chapter of “Computational Intelligence in Digital Forensics: Forensic Investigation and Applications”, in the series “Studies in Computational Intelligence”, Book edited by: A.K. Muta, Y-H. Choo, A. Abraham, S.N. Srihari, published by **Springer International Publishing**, Series Vol. 555, Switzerland, pp. 125-144, 2014, Series ISSN: 1860-949X, Print ISBN: 978-3-319-05884-9, Online ISBN: 978-3-319-05885-6, doi: 10.1007/978-3-319-05885-6_7.
 - Mrinal Kanti Bhowmik, **Kankan Saha**, Goutam Majumder, Debotosh Bhattacharjee, Dipak Kumar Basu, Mita Nasipuri, “Advances in Fusion Techniques of Thermal Infrared and Optical Images for Human Face Recognition”, Book Chapter of “Information and Knowledge Management - Tools, Techniques and Practices”, Edited by: Ajit Kumar Roy, published by **New India Publishing Agency**, New Delhi, India, pp. 233-266, Feb. 2013, ISBN: 978-93-81450-62-8.
 - Mrinal Kanti Bhowmik, **Kankan Saha**, Sharmistha Majumder, Goutam Majumder, Ashim Saha, Aniruddha Nath Sarma, Debotosh Bhattacharjee, Dipak Kumar Basu, and Mita Nasipuri “Thermal Infrared Face Recognition – A Biometric Identification Technique for Robust Security System,” as a Book Chapter of “Reviews, Refinements and New Ideas in Face Recognition”, Edited by: Peter M. Corcoran, published by **InTech Open Access Publisher**, Vienna, Austria, Europe, pp. 113-138, Jul. 2011, ISBN: 978-953-307-368-2, doi:10.5772/743.

Achievements (if any): N/A

Hobbies: N/A